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(71) Applicant (for all designated States except US): **KODAK
POLYCHROME GRAPHICS GMBH** [DE/DE]; An der
Bahn 80, 37520 Osterode/Harz (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **SAVARIAR-
HAUCK, Celin** [MY/DE]; Am Breitenberge 14, 37534
Badenhausen (DE). **HAUCK, Gerhard** [DE/DE]; Am
Breitenberge 14, 37534 Badenhausen (DE). **FRANK,
Dietmar** [DE/DE]; Breiter Weg 8, 37154 Northeim (DE).

(74) Agent: **VOSSIUS & PARTNER**; Siebertstrasse 4, 81675
Munich (DE).

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(54) Title: PROCESS FOR PRODUCTION OF HEAT-SENSITIVE IMAGEABLE ELEMENTS

(57) Abstract: The invention relates to a process for the production of a heat-sensitive imageable element comprising: (a) providing a substrate, (b) applying a first coating solution, comprising at least one photothermal conversion material, at least one polymer A soluble or swellable in an aqueous alkaline developer and at least one solvent, (c) drying, (d) applying a second coating solution, comprising at least one cross-linkable polyfunctional enolether, at least one polymer B comprising hydroxy groups and/or carboxy groups, and at least one solvent, wherein the polymer used in the first coating solution does not dissolve in this solvent, wherein the second coating solution does not contain a photothermal conversion material, and (e) drying at a temperature of at least 60°C.

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